

Claims

1. A tube (100; 300) for application for a container (150; 250; 350) with a built-in pump, in which the tube (100; 300) includes:

- an internal cross section of an inside for flow of a liquid,
- an external cross section of the tube, which is larger than the internal cross section,
- a first end (101) with a first opening for intake of the liquid, and in which the first end (101) includes fastening means (103) for fastening of the tube (100; 300) on the container (150; 250; 350) and
- another end (102, 902) with an opening part (180, 908), which includes another opening (109, 910) for discharge of the liquid,

characterized by the other end (102, 902) further encompassing a barrier part (105, 906), where the barrier part (105, 906) edges towards the opening part (180, 908), so that this blocks for the mentioned other opening (109, 910), where at least the barrier part or the opening part is of an elastic material, so that the liquid can be pressed out through mentioned other opening (109, 910) passing the barrier part after a deformation of at least the barrier part or the opening part.

2. A tube according to claim 1 characterized by the opening (109) having an opening cross section, in which the opening cross section possesses an area which is smaller than that of the internal cross section and that the barrier part (105) is a bar of a flexible ma-

terial, where the bar (105) is arranged in the internal part (100; 300) of the tube and where the bar (105) edges towards the opening part (180) in the other end (102).

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3. A tube (100; 300) according to claim 2 characterized by the opening part (180) at the other end (102) including a narrowing (104), from the internal cross section from the inside to the opening cross section of the other opening across an axial distance longitudinally to the tube.
4. A tube (100; 300) according to claim 3 characterized by the narrowing (104) occurring proportionally to the axial distance, and where a straight line parallel to the narrowing possesses an angle (α) longitudinally to the tube, where α is less than 90 degrees.
5. A tube (100; 300) according to at least one of the claims 2 to 4 characterized by the opening part (180) in the other end (102) encompassing a sharpening (106) of the tube to form an edge cross section of the sharpening, where the edge cross section is provided with an area which is smaller than that of the external cross section of the tube, and in which the edge cross section is provided with an area, which is larger than that of the opening cross section of the other opening.
6. A tube (100; 300) according to at least one of the claims 1 to 5 characterized by the flexible material possessing resistant properties in relation to the liquid.

7. A tube (100; 300) according to at least one of the claims 1 to 6 characterized by the opening part (180, 908) in the other end (102, 902) encompassing a barrier (107) of silver ions and/or nanosilver particles.

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8. A tube (100; 300) according to at least the claims 1 to 7 characterized by the tube (100; 300) encompassing a protective cap (357; 457) adapted for fitting on the tube (100; 300), where the protective cap (357; 457) is provided with covering means (459) for covering of the other opening (109, 910).

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9. A tube (100; 300) according to claim 8 characterized by the covering means (459) encompassing a barrier of silver ions and/or nanosilver particles.

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10. A container (150; 250; 350) with a built-in pump, in which the container (150; 250; 350) is combined with a tube (100; 300) according to claim 1 to 9 characterized by the tube (100; 300) being an integrated part of the container (150; 250; 350).

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11. Use of a container according to claim 10 for dispensing ophthalmic compositions in the eye.

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12. Use according to claim 11, characterized by the container being held in a vertical position while dispensing the ophthalmic composition so that the drop of the composition enters the eye in a horizontal direction.

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